MARKO FREI

Senior Full Stack Developer

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SUMMARY

Experienced software developer proficient in many platforms and tools, focused on delivering business value through quality software. I am equally comfortable discussing requirements in the language of the business as I am in heads-down coding sprints. I can take hard problems from conception to production, designing the big picture and sweating the details. A lively debater around the planning table and a passionate, agile collaborator, I understand that the team succeeds together. I love creating distributed systems, prototyping with new technology, and automating the tedious. I have an intellectual curiosity fuels a fanatical devotion to skills improvement and constant learning.

WORK EXPERIENCE

Senior Full Stack and Blockchain Engineer   02/2020 - 10/2022

Draglet   Munich, Germany

Full Time Remote Employer
- Created a system consist of swap, pool, staking, lending and borrowing contracts which improved the company income to 130%.
- Wrote smart contracts for NFT, Voting, Vesting. (https://kindkoalas.io, https://www.shreddedapes.io, https://kool.lol).
- Built and maintained strategic relationships with potential investors and business partners and brainstormed new ideas.
- Represented the company at various workshops and industry events and executed multiple key clerical tasks.
- Collaborated with colleagues from other departments and participated in the creation and testing of new software applications.

Senior Full Stack Developer   09/2018 - 12/2019

MyMeta   Toronto, Canada

Full Time Remote Employer
- Increased daily traffic from 45% to 80% by redesigning existing websites to improve user experience and incorporated SEO.
- Upgraded Angular 11 to Angular 14 and fixed some errors so that removed node module problem.
- Collaborated with 2 different development teams on 4 new project designs and feature improvements.
- Suggested 20+ improvements to product design and functionality as informed by user-experience reporting.
- Collaborated with 4 client service teams to understand and solve bottlenecks and proposed feature expansions by using Symfony.
- Architected, implemented, and maintained 5 performant and scalable data-processing back-end systems.

Front End Developer   10/2016 - 07/2018

Netdigix Systems   New Westminster,
                                          Canada

Full Time Employer
- Added an average of 25% increase in annual company revenue with an average of 15 clients per month.
- Designed 20+ front-end Web Interface for engineers and test-ops to control and monitor the onboard system.
- Analyzed and optimized performance bottlenecks in 8+ existing backend systems, such as database queries and storage solutions, to increase responsiveness.
- Led transition from Firebase to AWS, saving company $3,700+ monthly and increasing load speeds by an average of 38%.
- Collaborated on Complexity Score tool, which removed process bottlenecks by assigning scores to cost, time, and compliance issues, increasing efficiency by 72%.
- Developed more than 10 cluster projects and utilized public cloud, computing infrastructure services using React and Redux.

EDUCATION

Bachelor of Computer Science

Waseda University

09/2006 - 08/2010   Tokyo, Japan

Master of Computer Science

Douglas College

09/2014 - 08/2016
New Westminster, Canada

SKILLS

JavaScript · TypeScript · PHP · HTML5 ·
CSS3 · Python · Tailwind CSS · React.js ·
Vue.js · Angular · Node.js · Express.js ·
Laravel · Django · RestAPI · GraphQL ·
Redux · Solidity · Smart Contract ·
Ethereum

LANGUAGES

English   Native   ●●●●●

Chinese   Proficient   ●●●●○

STRENGTHS

👥 Collaboration
   Working in a team motivates me to give 100% every day. Collective intelligence is the most powerful tool for companies.

🔍 Attention to Detail
   Always concentrate on details because even an unimportant error could ruin the code.

📈 Prioritizing
   Prioritizing is why I use 100% of my energy and mental capacity for the most complex and thought-provoking tasks.

WORK EXPERIENCE

Front End Developer
01/2011 - 08/2014

Facility Team
Tokyo, Japan

Full Time Employer

- Transitioned an existing Backbone.js application to React.
- Redesigned, simplified, and implemented a new version of an existing alerting application that contained over 100 form fields and reduced the amount of customer support calls with the simplified redesign.
- Developed a universal search feature for a customer-facing analytics application that allowed all the application's data entities to the searched within a single interface.
- Implemented various private APIs on a Node.js and PostgreSQL back end.
- Enhanced user experience and accomplish webpage objectives by creating site structure, navigation, page optimization and graphics integration.
- Created a Mobile Responsive User Experience with CSS Flex box that allowed cross-platform accessibility to the website on any device with primary use on mobile. This increased the number of 5 star User Experience/User Interface reviews by 360%.